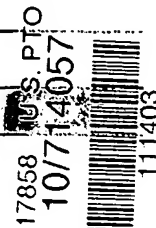|	
	Our Docket No.: A-72244/AJT (463031-141) Date: November 14, 2003
UTILITY PATENT APPLICATION TRANSMISSION	First Named Inventor: Victor V. Nazarov
	Title: LYOTROPIC LIQUID CRYSTAL SYSTEMS BASED ON PERYLENETETRACARBOXYLIC ACID DIBENZIMIDAZOLE SULFODERIVATIVES, RELATED ANISOTROPIC FILMS, AND METHODS FOR MAKING
	Express Mail No.: EV 182098430 US

ADDRESS TO:
Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

APPLICATION ELEMENTS

1. ☒ Fee Calculation Sheet
(Submit an original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status
3. ☒ Specification   Total Pages: *35*
   - ☒ Descriptive title of the invention
   - ☒ Cross References to Related Applications
   - ☐ Statement Regarding Fed. Sponsored R&D
   - ☐ Reference to Microfiche Appendix
   - ☒ Background of the Invention
   - ☒ Brief Summary of the Invention
   - ☒ Brief Description of the Drawings
   - ☒ Detailed Description
   - ☒ Claims
   - ☒ Abstract of the Disclosure
4. ☒ Formal Drawings (35 U.S.C. 113)   Total Sheets: *3*
5. ☒ Oath or Declaration and P.O.A.   Total Pages: *2*
   - a. ☒ Newly Executed (original or copy)
   - b. ☐ Copy from a prior application (37 C.F.R. 1.63(d)) (for continuation/divisional with Box 19 completed)
     - 1. ☐ DELETION OF INVENTORS
       Signed statement attached deleting inventor(s) named in the prior application (37 C.F.R. 1.63(d)(2) and 1.33(b))
6. ☒ Application Data Sheet (37.C.F.R. 1.76)

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. ☐ Nucleotide and/or Amino Acid Sequence Submission (If applicable, all necessary)
   - a. ☐ Computer Readable Form (CRF)
   - b. ☐ Specification Sequence Listing on:
     - i. ☐ CD-ROM or CD-R (2 copies); or
     - ii. ☐ paper
   - c. ☐ Statement verifying identify of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Certification Under 35 U.S.C. 122(b)(2)(B)(i)
10. ☒ Assignment Papers (cover sheet & document(s))
11. ☐ 37 C.F.R. 3.73(b) Submission
12. ☒ Power of Attorney (signed)
13. ☐ English Translation Document (if applicable)
14. ☒ Information Disclosure Statement (with Copies of Citations as necessary)
15. ☐ Preliminary Amendment   Total Pages:
16. ☒ Return Receipt Postcard (Should be specifically itemized)
17. ☐ Certified Copy of Priority document(s) (if foreign priority is claimed)
18. ☐ Other:

19. **If a CONTINUING APPLICATION**, check appropriate box and supply the requisite information:
    ☐ Continuation   ☐ Division   ☐ Continuation-in-part (CIP)   of prior Application No.:

For continuation or divisional applications: The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference

CORRESPONDENCE ADDRESS

ATTY NAME	Maria S. Swiatek, Reg. No. 37,244 For Aldo J. Test, Reg. No. 18,048 SIGNATURE: _[signature]_ DATE November 14, 2003
ADDRESS	DORSEY & WHITNEY LLP Four Embarcadero Center Suite 3400 San Francisco, California 94111-4187 Customer Number: 32940
TELEPHONE	(650)494-8700
FAX	(650)494-8771

APPLICATION FEE TRANSMITTAL SHEET (FY 2003)

Comp te if Known	
Application No.	Not yet assigned
Filing Date	Herewith
First Named Inventor	Victor V. Nazarov
Group Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Atty. Docket Number	A-72244/AJT (463031-141)

METHOD OF PAYMENT (Check One)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:
Deposit Account No.: 50-2319
Deposit Account Name: DORSEY & WHITNEY LLP

☒ Charge any additional fee required under 37 C.F.R. 1.16 and 1.17
☒ Applicant claims small entity status (see 37 C.F.R. 1.27)
2. ☒ Check Enclosed

FEE CALCULATION

1. BASIC FILING FEE

Larg Entity Fee	Small Entity Fee	Fee Description	
160	80	☐ Provisional Filing Fee	
750	375	☒ Utility Filing Fee	
330	165	☐ Design Filing Fee	
750	375	☐ Reissue Filing Fee	
		Subtotal (1)	$385.00

2. EXTRA* CLAIM FEES

	Number Claims	Prior	Extra	Fee from Below*	Fee Paid
Total	26	- 20	= 6	x $9.00	= $54.00
Indep.	1	- 3	= 1	x $0.00	=
Multiple Dependent Claims		=	x	=	
				Subtotal (2)	$54.00

*Calculation of Extra Claim Fees

Large Entity Fee	Small Entity Fee	Fee Description
18	9	Claims in excess of 20
84	42	Independent claims in excess of 3
280	140	Multiple dependent Claim
84	42	Reissue independent claims over original patent
18	9	Reissue claims in excess of 20 and over original patent

FEE CALCULATION (Continued)

3. ADDITIONAL FEES

Large Entity Fee	Small Entity Fee	Fee Description	F e paid
50	25	Surcharge - late provisional filing fee or cover sheet	
130	65	Surcharge – Late nonprovisional filing fee or oath	
180	180	Submission of IDS	
40	40	Recording each patent assignment per property (times number of properties)	40.00
110	55	Extension for reply within first month	
410	205	Extension for reply within second month	
930	465	Extension for reply within third month	
1,450	725	Extension for reply within fourth month	
1,970	985	Extension for reply within fifth month	
750	375	Submission After Final 1.129	
320	160	Notice of Appeal	
320	160	Filing a brief in support of an appeal	
280	140	Request for oral hearing	
110	55	Terminal Disclaimer Fee	
130	130	Petitions to the Commissioner	
50	50	Petitions related to provisional applications	
1,300	650	Utility/Reissue Issue Fee (including advance copies)	
470	235	Design Issue Fee (inc. advance copies)	
750	375	Request for Continued Examination (RCE)	
300	300	Publication fee for early, voluntary, or normal publication	
300	300	Publication fee for re-publication	
110	55	Petition to Revive – unavoidable	
1,300	650	Petition to Revive – unintentional	

OTHER FEE (specify):

		Subtotal (3)	
		Total Amount of Payment:	$479.00

Submitt d by:

Name: Maria S. Swiatek, Reg. No. 37,244 for Aldo J. Test	Reg. No.: 18,048	Telephone:650-494-8700
DORSEY & WHITNEY LLP	Four Embarcadero Center, Suite 3400 San Francisco, California 94111-4187	**Customer Numb r 32940**
Signature:		Date: November 14, 2003